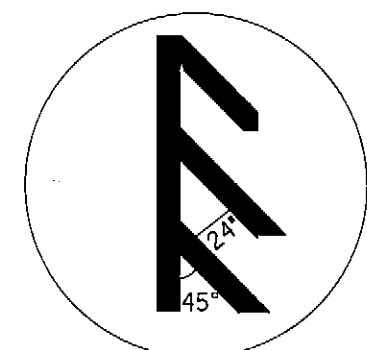
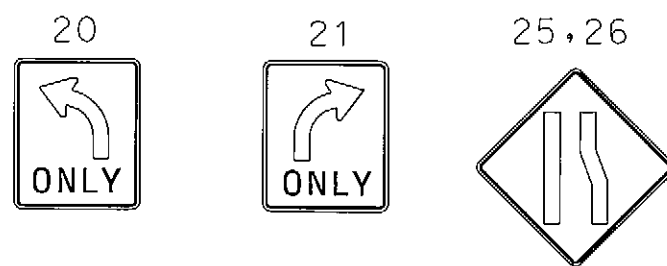


MD 223 IS ASSUMED  
TO RUN IN AN  
EAST-WEST DIRECTION

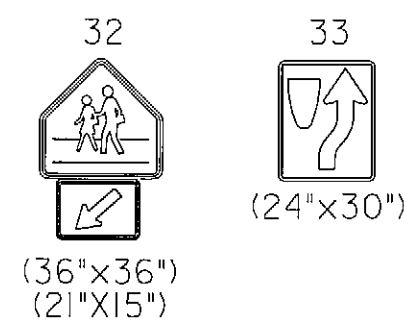


CROSSWALK DETAIL

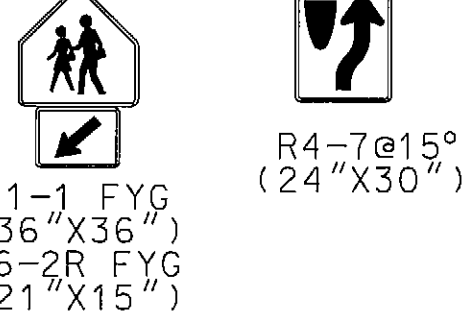
EXISTING SIGNS  
TO REMAIN



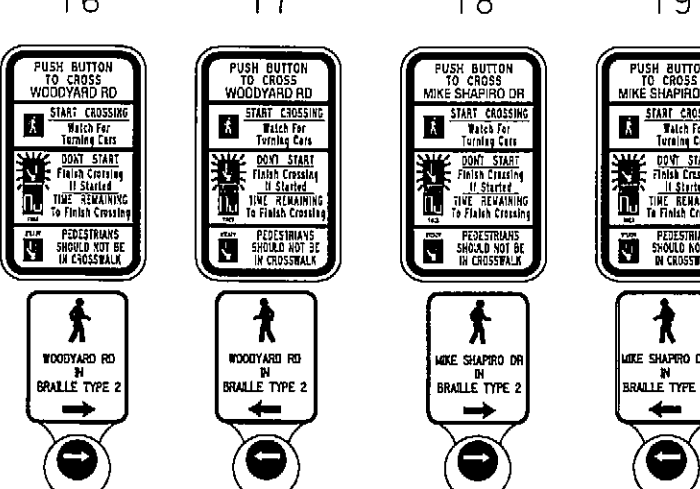
EXISTING SIGN  
TO BE REMOVED



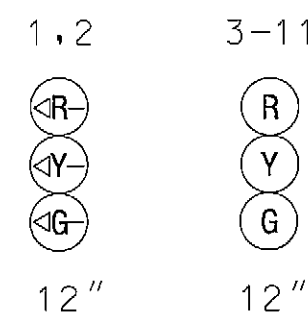
PROPOSED SIGN  
27, 28, 29, 30



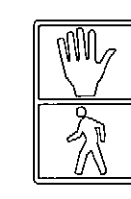
PROPOSED ACCESSIBLE  
PUSHBUTTON AND SIGN



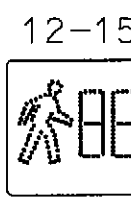
EXISTING SIGNAL  
HEADS TO REMAIN



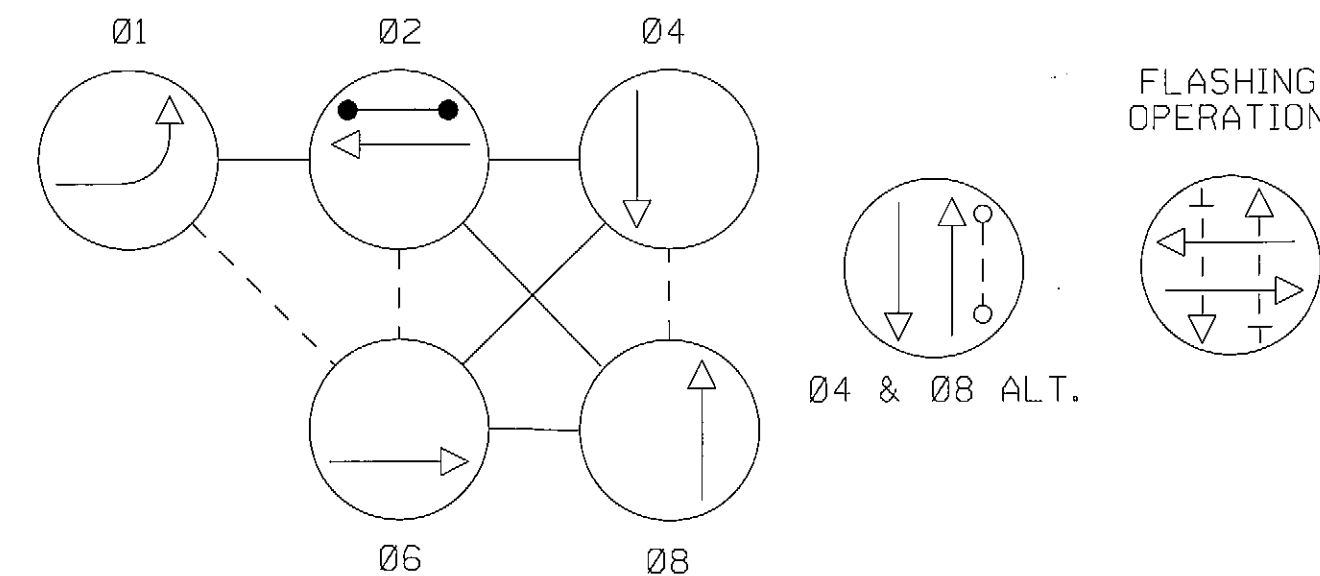
EXISTING SIGNAL  
HEADS TO BE REMOVED



PROPOSED  
L.E.D. SIGNALS

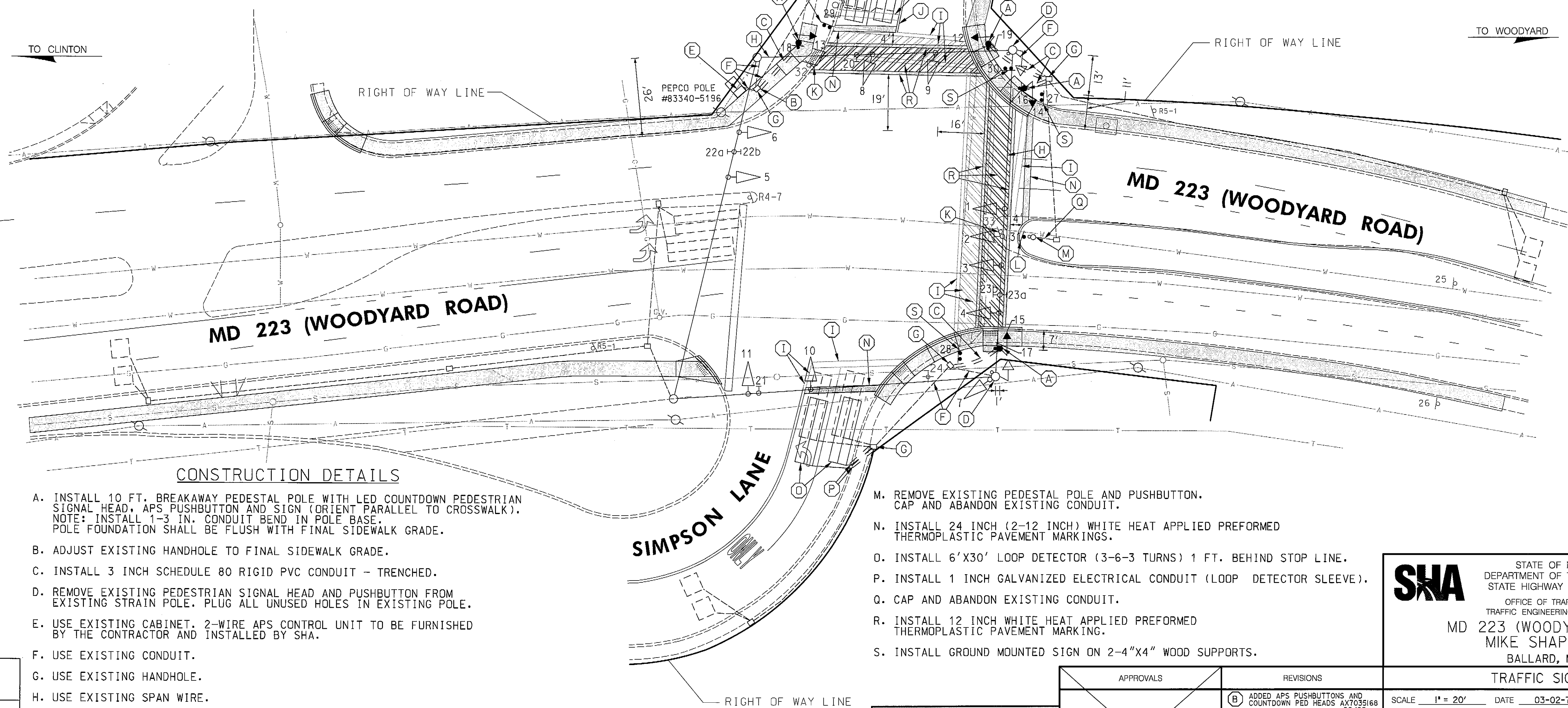


NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SPECIAL NOTE:  
FOR SIDEWALK AND RAMP DETAILS  
REFER TO SEPARATE SIDEWALK PLANS.



- CONSTRUCTION DETAILS**
- A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK).  
NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE.  
POLE FOUNDATION SHALL BE FLUSH WITH FINAL SIDEWALK GRADE.
  - B. ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.
  - C. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
  - D. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON FROM EXISTING STRAIN POLE. PLUG ALL UNUSED HOLES IN EXISTING POLE.
  - E. USE EXISTING CABINET. 2-WIRE APS CONTROL UNIT TO BE FURNISHED BY THE CONTRACTOR AND INSTALLED BY SHA.
  - F. USE EXISTING CONDUIT.
  - G. USE EXISTING HANDHOLE.
  - H. USE EXISTING SPAN WIRE.
  - I. REMOVE EXISTING PAVEMENT MARKING LINE.
  - J. INSTALL 5 INCH DOUBLE YELLOW HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
  - K. REMOVE EXISTING GROUND MOUNTED SIGN.
  - L. INSTALL SIGN ON 1-4"x4" WOOD SIGN SUPPORT.
  - M. REMOVE EXISTING PEDESTAL POLE AND PUSHBUTTON. CAP AND ABANDON EXISTING CONDUIT.
  - N. INSTALL 24 INCH (2-12 INCH) WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
  - O. INSTALL 6'x30' LOOP DETECTOR (3-6-3 TURNS) 1 FT. BEHIND STOP LINE.
  - P. INSTALL 1 INCH GALVANIZED ELECTRICAL CONDUIT (LOOP DETECTOR SLEEVE).
  - Q. CAP AND ABANDON EXISTING CONDUIT.
  - R. INSTALL 12 INCH WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING.
  - S. INSTALL GROUND MOUNTED SIGN ON 2-4"x4" WOOD SUPPORTS.

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

**RK&K**  
RUMMEL, KLEPPER & KAHL, LLP  
81 MOSHER STREET | BALTIMORE, MD 21217  
PH: (410) 728-2800 FAX: (410) 728-3160  
Engineers | Construction Managers | Planners | Scientists  
www.rk.com

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
B ADDED APS PUSHBUTTONS AND COUNTDOWN PED HEADS AX7035168 06/09
A RECONSTRUCTION OF SIGNAL DUE TO GEOMETRICS P-122-501-370 04/10/09

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION	
MD 223 (WOODYARD ROAD) AT MIKE SHAPIRO DRIVE BALLARD, MARYLAND	
TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	DATE 03-02-79 CONTRACT NO. P-122-501-370
DESIGNED BY R.K.E.	COUNTY PRINCE GEORGES
DRAWN BY R.K.E.	LOGMILE 16022307.65
CHECKED BY MD, D.O.T.	TIMS NO. 1509
FAP NO.	TOD NO.
TS NO. 1664B	DRAWING SG - 01 OF 02 SHEET NO. 1 OF 2

PLOTTED: Friday, June 19, 2009 AT 08:38 AM  
FILE: K:\projects\104-134\Task 134\DGN\pSG-P000\_MD223@MikeShapiroDr.dgn